

Abstract

The present invention relates to a method for manufacturing and/or repairing components, particularly blades and blade segments, for gas turbines, particularly for aircraft engines, by laser-powder build-up welding.

According to the present invention, laser-powder build-up welding is performed using at least one substructure, the material build-up by a powder material occurring in the process of laser-powder build-up welding in such a way that the or every substructure is at least in sections enclosed by the built-up powder material (Fig. 1).